



NITFS Compliance Registration



Product: SOCET GXP Version 2.0.1.20051111
With NTM module U2.4 and RULER, Version 12.0
Sponsor: BAE Systems National Security Solutions
Developer: BAE Systems National Security Solutions

Date: 06 February
Expiration: 2006
Registration #: 05 February
2008
2039

☒ Initial Registration
Supplemental/Update # _____
☐ Derived from Reg. # _____

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ v2.1
- ☒ v2.0
- ☐ v1.1
- ☐ NSIF
- ☒ v1.0

Pixel Value Types

- ☒ Boolean
- ☒ Integer
- ☒ Signed Integer *
- ☒ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
- ☒ COM, 2301
- ☒ COM, 2301A
- ☒ Labels **

Text Segments

- ☒ TA
- ☒ UT1
- ☐ U8S
- ☒ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☐ NO DISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☒ JEG Lossy, 8-bit
- ☒ JEG Lossy, 12-bit
- ☒ JEG Downsample
- ☒ JEG Lossless
- ☒ JEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization
- ☒ Multiband JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☒ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ IAE
- ☒ SDE
- ☒ CHIPB
- ☒ OMAPA
- ☒ BLOCA
- ☒ RPC00B
- ☒ USE00A
- ☒ STDIDC
- ☒ HISTOA

☒ Fully implemented
☐ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Generate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Generate	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Configurations Tested:

- PENTIUM

- MS Windows NT w/ SP 6A

- MS Windows XP with RULER version 12.0 and
NTM Module U2.4 software plug-ins for
National Technical Means capability

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to the National Geospatial-Intelligence
Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.